

Thursday, March 20, 1997
POSTER SESSION II
6:30 p.m. LPI

IMPACT - MECHANICS, PROCESSES, AND MATERIALS

Raitala J. T.

Impact vs. Post-Impact Metamorphism in Impactite Garnet

Feldman V. Sazonova L. Kozlov E. Zhugin YU.

Migration of Some Chemical Elements in Spherical Stress Waves

Heymann D. Dressler B.

Raman Study of Carbonaceous Matter and Anthraxolite in Rocks from the Sudbury, Ontario, Impact Structure

Abate B. Koeberl C. Underwood J. R. Reimold W. U. Buchanan P. Fisk E. P. Giegengack R. F.

BP and Oasis Impact Structures, Libya: Preliminary Petrographic and Geochemical Studies, and Relation to Libyan Desert Glass

Newman S. Beckett J. Stolper E.

3-D Variations of Water Content in an Indochinite

Phelps A. W.

Raman Spectroscopic Analysis of Microdiamonds from the Popigai Crater

Schuraytz B. C. Dressler B. O.

Ballen-Structured Quartz in Glasses of the Wanapitei Impact Structure, Ontario, Canada

van der Bogert C. H. Schultz P. H.

Pseudotachylites in Meteorites: Friction Melting as an Alternative to Shock Darkening

Preisinger A. Aslanian S. Brandstätter F. Grass F.

Formation of Spinels in the Mesosphere After K/T Impact

Faust J. L. Tyburczy J. A. Ahrens T. J. Xu X. Epstein S.

Impact Chemistry of Serpentine-Iron Planetesimals

Albin E. F.

Redistribution of Georgia Tektites as Channel Lag Deposits

Bottke W. F. Jr. Richardson D. C. Love S. G.

Making Crater Chains on the Earth and Moon with Planetary Tidal Forces

Durda D. D. Kring D. A. Pierazzo E. Melosh H. J.

Model Calculations of the Proximal and Globally Distributed Distal Ejecta from the Chicxulub Impact Crater

Shevchenko V. V.

The Impact Record of Disrupted Comets on the Moon

Dressler B. O. Sharpton V. L.

Shock Attenuation Across the Central Portion of a Complex Impact Structure: Slate Islands, Lake Superior, Canada

Herrick R. R. Sharpton V. L.

Shallow Seismic Test at Marquez Impact Structure

Korol A. B. Kamensky K. K.

Catastrophic Events on the Terrestrial Planetary Bodies in Phanerozoic Period

Sharpton V. L. Copeland P. Dressler B. O. Spell T. L.

New Age Constraints on the Slate Islands Impact Structure, Lake Superior, Canada

Cintala M. J. Berthoud L. Hörz F. Peterson R. K. Jolly G. D.

A Method of Measuring Ejection Velocities During Experimental Impact Events

Wetherill G. W. Chambers J. E.

Numerical Integration Study of Earth Impact by Meteoroids from the 3:1 Resonance

McHone J. F. Greeley R.

More Impact and Impact-Like Structures on SIR-C Radar; Europe, Africa, and Arabian Peninsula